UNIVERSAL HARMONIC COHERENCE LAW

Author: Eduardo Colin Sanchez

Discovery Date: December 17, 2024

Location: Toronto, Ontario, Canada

Law:

On any six-string guitar, harmonic coherence persists under all transformations of the system — every tuning state, every fret position, every detuning, continuous positions between frets, all finger placements, and all tension conditions. The harmonic pattern never breaks.

Physical Properties:

The coherence is:

- quantized
- scale-invariant
- tension-independent
- symmetry-preserving
- self-organizing

String Theory Mechanics:

The measurable behavior of the guitar obeys the same structural principles described by string theory mechanics:

- quantized vibrational modes
- gauge-like symmetry under position translation
- T-duality–like scaling behavior
- emergent-order behavior from coupled strings
- energy-scale invariance
- persistent coherence of vibrational states

This is not analogy. It is the same underlying mathematical structure operating at macroscopic scale.

Result:

The phenomenon is universal, reproducible, and physically verifiable. It exists independently of Western tuning, 12-tone temperament, and cultural definitions of consonance or dissonance.